U.S.S.N 10/043,356
LaPointe *et al.*
PRELIMINARY AMENDMENT

Please replace the paragraph beginning on page 156, line 23, through page 157, line 5, with the following paragraph:

Referring to Fig. 10, a final indicator pair C, D is based on an analysis of a consensus of preliminary indicator pairs from a plurality, specifically eight, trained neural networks 10A - 10H (Fig. 10). Each preliminary indicator pair A, B is provided to one of two consensus processors 150, 152 via paths 133-140 and 141-148. The first consensus processor 150 processes all positive indicators. The second consensus processor 152 processes all negative indicators. Each consensus processor 150, 152 is an averager, i.e., it merely forms a linear combination, such as an average, of the collection of like preliminary indicator pairs A, B. The resultant confidence indicator pair is the desired result, where the inputs are the set of clinical factors for the patient under test.

IN THE ABSTRACT:

Please amend the abstract as follows (a marked-up copy of the amended abstract is attached to this Amendment):

Please replace the paragraph on page 168, lines 1-5, with the following paragraph:

ABSTRACT

Computer systems and methods for diagnosing endometriosis and for assessing the risk of delivery within selected time period after performing a test to assess the risk of preterm delivery or before thirty-five weeks of gestation are provided.

IN THE CLAIMS:

Please replace claim 5 with the following amended claim (a marked up copy of the amended claims is attached to this Amendment):

5.   (Amended) The system of claim 3, wherein the time period is within fourteen days of performing a biochemical test to measure fetal fibronectin.

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